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TO : Chief, Communications Engineering Division

DATE: 26 January 1956

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FROM : Chief, Communications Operations & Training Division

SUBJECT: RS-13 Modifications

1. In a meeting held 24 January between representatives of the Engineering Division and this Division, the deficiencies of the present RS-13 equipment were discussed. As a result of these discussions, it was decided that the following modifications of this equipment are in order:

a. Change antenna loading to a system similar to that employed in the RS-6.

b. Improve the action of the function switch.

c. Provide a hold-down for the 1614 final tube.

d. Provide single antenna operation.

e. Improve the operation of, or replace, the present hand key jack.

f. Change the transmitter circuitry to provide for A-1 mode of operation.

2. It is requested that the Engineering Division undertake whatever action is required to have the above modifications made in the RS-13 sets which are presently on hand. As you know, two of these sets are committed to an operation which is scheduled to be mounted as early as April. It will therefore be necessary that at least two of these sets be made available to this Division prior to 1 April and preferably in time to permit ample testing of the equipment before issuing it for the operation.

cc: SB/TR
AAB

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REQ	36	REV DATE	20/3/80	BY	37169
ORIG COMP	33	OPI	56	TYPE	2
ORIG CLASS	5	PAGES	1	REV CLASS	C
JUST	22	NEXT REV	2010	AUTH:	HR 78-2

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